

**CERTIFICATE OF HAND DELIVERY**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being delivered to Examiner JAMES MCALEENAN, Group 3700, Group Art Unit 3748 at the U.S. Patent and Trademark Office, Arlington, Virginia 22202 on the \_\_\_\_ day of November, 2004.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Print Name

**IN THE UNITED STATES**

**PATENT AND TRADEMARK OFFICE**

Confirm. No. 1115

Applicant SHAWN P. LAWLOR  
MARK, A. NOVARESI, AND  
CHARLES C. CORNELIUS

Serial No.: 10/672,719

Filed: September 25, 2003

Art Unit: 3748  
Examiner:  
JAMES MCALEENAN

Title: SUPERSONIC GAS COMPRESSOR

Commissioner for Patents  
Alexandria, VA 22313-1450

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT WITHIN THREE  
MONTHS OF FILING OR BEFORE MAILING OF  
FIRST OFFICE ACTION (37 C.F.R. § 1.97(b))**

Sir:

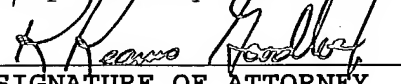
The Information Disclosure Statement submitted herewith is being filed within three months of the filing date of the application or before the mailing date of a first Office Action on the merits, whichever event occurs last.

Date: November 15, 2004

Phone: 253-859-9128  
Fax: 253-859-8915

CUSTOMER NO.: 20793

Respectfully submitted,

  
\_\_\_\_\_  
SIGNATURE OF ATTORNEY

R. Reams Goodloe, Jr.  
Reg. No. 32,466  
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Suite 102  
Kent, Washington  
98030-5322

## IN THE UNITED STATES

## PATENT AND TRADEMARK OFFICE

Confirm. No. 1115

Applicant SHAWN P. LAWLOR  
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JAMES MCALEENAN

Title: SUPERSONIC GAS COMPRESSOR

Commissioner for Patents  
 Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

Sir:

The following sections are being submitted for this Information  
 Disclosure Statement:

1. ☒ Preliminary Statements.
2. ☒ Time of Filing.
3. ☒ FORMS PTO/SB08a and 08B (formerly FORM PTO 1449).
4. ☐ Identification of Prior Application in Which Listed  
 Information was Already Cited and for Which No Copies  
 Are Submitted or Need to be Submitted.
5. ☐ Cumulative Patents or Publications.
6. ☒ Copies of Listed Information Items Accompanying This  
 Statement.
7. ☐ Translation(s) of Non-English Language Documents.
8. ☒ Identification of Person(s) Making This Information  
 Disclosure Statement.

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 attached or enclosed) is being HAND DELIVERED to EXAMINER JAMES MCALEENAN, Group 3700,  
 Group Art Unit 3745 at the U.S. Patent and Trademark Office, Arlington, Virginia, on  
 November \_\_\_\_, 2004.

Typed or printed  
 name:

Signature

Date

11/\_\_\_\_/04

## 1. Preliminary Statements

Applicant submits herewith patents, publications and other information of which he is aware which he believes may possibly be material to the examination of this application and in respect of which there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR § 1.197(g)), an admission that the information cited is, or is considered to be, material to patentability, (37 CFR § 1.97(h) or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

If documents are disclosed that, based on date of publication, may not be prior art to the applicant, then such publications are merely offered for consideration with respect to the state of development of the art, and shall in no way be considered as admissions against interest in any manner.

## 2. Time of Filing

This Information Disclosure Statement is filed before the mailing date of the first office action on the merits. 37 CFR § 1.97(b)(3).

## 3. Forms PTO/SB/08A and 08B (formerly Form PTO 1449)

See attached PTO Form SB-08A - Citation in Application.

## 4. Identification of Prior Application In Which Listed Information Was Already Cited and for Which No Copies are Submitted or Need to be Submitted.

- ☐ This application relies, under 35 USC § 120, on the earlier filing date of prior application \_\_\_\_\_, filed on \_\_\_\_\_.
- ☐ This application also relies, under 35 USC sec 120, on the earlier filing date of prior application \_\_\_\_\_, filed on \_\_\_\_\_.
- ☐ Therefore, references which were submitted to, and/or cited by, the Office in the prior application(s) are not required to be provided in this application, in accord with 37 C.F.R. 1.98 (d).

5. Cumulative Patents or Publications

☐ Statement

\_\_\_\_\_ is cumulative of the following patents or publications listed on Forms PTO/SB/08A and 08B (formerly PTO-1449).

In accordance with 37 CFR § 1.98(c), a copy of only \_\_\_\_\_ is being submitted with this Information Disclosure Statement.

6. Copies of Listed Information Items Accompanying This Statement

Legible copies of all items listed in Forms PTO/SB/08A and 08B (formerly Form PTO 1449) accompany this Information Disclosure Statement.

☐ Exceptions to the above:

☐ Items which were disclosed in the prior application, from which an earlier filing date is claimed for this application, as identified in Section 4; such items not submitted are marked by an "\*" asterik on PTO Form SB/08A (formerly PTO Form 1449).

☐ Cumulative patents or publications identified in Section 5.

7. Translation(s) of Non-English Language Documents

French Patent 863484 is not translated into the English language. A written English language translation is not within the possession, custody or control of any individual designated in Section 1.56(c).

8. Identification of Person(s) Making This INFORMATION DISCLOSURE STATEMENT

The person making this statement is the practitioner who signs below on the basis of the information supplied by the inventors and information in the practitioner's file, all of which have been reviewed by the practitioner.

Respectfully submitted

R. Reams Goodloe, Jr.  
SIGNATURE OF PRACTITIONER

Date: November 15, 2004

Phone: 253-859-9128

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CUSTOMER NO.: 20793

Substitute for form 1449 A/PTO

*Complete if Known***INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Application Number	10/672,719
Filing Date	September 25, 2003
First Named Inventor	LAWLOR, S. et al
Art Unit	3748
Examiner Name	N/A
Attorney Docket Number	RP1-3014-U

Sheet: 1 of 6

**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number Kind Code <sup>2</sup>	Publication Date MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR
		2435236	02/03/1948	Redding	
		2570081	10/02/1951	Szczeniowski	
		2579049	12/18/1951	Price	
		2623688	12/30/1952	Davidson	
		2628768	02/17/1953	Kantrowitz	
		2648493	08/11/1953	Stalker	
		2659528	11/17/1953	Price	
		2689681	09/21/1954	Sabatiuk	
		2710136	06/07/1955	De Ganahl, et al	
		2721693	10/25/1955	Fabri, et al	
		2749027	06/05/1956	Stalker	
		2763426	09/18/1956	Erwin	
		2792983	05/21/1957	Stalker	
		2797858	07/02/1957	Von Der Nuell	
		2805818	09/10/1957	Ferri	
		2806645	09/17/1957	Stalker	
		2819837	01/14/1958	Loeb	
		2830753	04/15/1958	Stalker	
		2834573	05/13/1958	Stalker	

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup> Enter Office that issued the document, by the two letter code. <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Application Number	10/672,719
Filing Date	September 25, 2003
First Named Inventor	LAWLOR, S. et al
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Sheet: 2 of 6

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		2839239	06/17/1958	Stalker	
		2841325	07/01/1958	Weise	
		2853227	09/23/1958	Beardsley	
		2918254	12/22/1959	Hausammann	
		2934259	04/26/1960	Hausmann	
		2935246	05/03/1960	Roy	
		2943839	07/05/1960	Birmann	
		2944786	07/12/1960	Angell, et al	
		2947139	08/02/1960	Hausmann	
		2949224	08/16/1960	Pavlecka	
		2953295	09/20/1960	Stalker	
		2955747	10/11/1960	Schwaar	
		2956732	10/18/1960	Stalker	
		2966028	12/27/1960	Johnson, et al	
		2967013	01/03/1961	Dallenbach, et al	
		2970750	02/07/1961	Swearingen	
		2974857	03/14/1961	Schwaar	
		2974858	03/14/1961	Koffel, et al	
		2974927	03/14/1961	Johnson	
		2989843	06/27/1961	Ferri	
		2991929	07/11/1961	Stalker	
		3001364	09/26/1961	Woodworth	
		3010642	11/28/1961	Dickmann, et al	

EXAMINER SIGNATURE	DATE CONSIDERED
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Application Number	10/672,719
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First Named Inventor	LAWLOR, S. et al
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Sheet: 3 of 6

**U.S. PATENT DOCUMENTS**

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		3054255	09/18/1962	Stratford	
		3088279	05/07/1963	Diedrich	
		3118277	01/21/1964	Wormser	
		3145915	08/25/1964	Marchal, et al	
		3156407	11/10/1964	Bourquard	
		3184152	05/18/1965	Bourquard	
		3269120	08/30/1966	Sabatiuk	
		3356289	12/05/1967	Plotkowiak	
		3422625	01/21/1969	Harris	
		3442441	05/06/1969	Dettmering	
		3447740	06/03/1969	Fabri, et al	
		3524458	08/18/1970	Goldsmith	
		3541790	11/24/1970	Kellett	
		3588270	06/28/1971	Boelcs	
		3658437	04/25/1972	Soo	
		3692425	09/19/1972	Erwin	
		3719426	03/06/1973	Friberg	
		3724968	04/03/1973	Friberg, et al	
		3765792	10/16/1973	Exley	
		3771925	11/13/1973	Friberg, et al	
		3824029	07/16/1974	Fabri, et al	
		3873229	03/25/1975	Mikolajczak, et al	

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SIGNATUREDATE  
CONSIDERED

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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

Application Number	10/672,719
Filing Date	September 25, 2003
First Named Inventor	LAWLOR, S. et al
Art Unit	3748
Examiner Name	N/A
Attorney Docket Number	RP1-3014-U

Sheet: 4 of 6

## **U.S. PATENT DOCUMENTS**

EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number Kind Code <sup>2</sup>	Publication Date MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR
		3904308	09/09/1975	Ribaud	
		3904312	09/09/1975	Exley	
		3917434	11/04/1975	Bandukwalla	
		3956887	05/18/1976	MacDonald	
		3971209	07/27/1976	de Chair	
		3989406	11/02/1976	Bliss	
		3993414	11/23/1976	Meauze, et al	
		RE29128	02/01/1977	Sohre	
		4006997	02/08/1977	Friberg, et al	
		4011028	03/08/1977	Borsuk	
		4012165	03/15/1977	Kraig	
		4012166	03/15/1977	Kaesser, et al	
		4070824	01/31/1978	Traut	
		4123196	10/31/1978	Prince, Jr. et al	
		4156344	05/29/1979	Cuthbertson, et al	
		4199296	04/22/1980	De Chair	
		4212585	07/15/1980	Swarden, et al	
		4241576	12/30/1980	Gertz	
		RE30720	08/25/1981	Sohre	
		4408957	10/11/1983	Kurzrock, et al	
		4445816	05/01/1984	Ribaud, et al	
		4479755	10/30/1984	Skoe	
		4678398	07/07/1987	Dodge, et al	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	10/672,719
		Filing Date	September 25, 2003
		First Named Inventor	LAWLOR, S. et al
		Art Unit	3748
		Examiner Name	N/A
Sheet: 5 of 6		Attorney Docket Number	RP1-3014-U

U.S. PATENT DOCUMENTS					
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		5123811	06/23//1992	Kuroiwa	
		5277549	01/11/1994	Chen, et al	
		5286162	02/15/1994	Veres	
		5445496	08/29/1995	Brasz	
		5554000	09/10/1996	Kato, et al	
		5676522	10/14/1977	Pommel, et al	
		5704764	01/06/1998	Chupp, et al	
		5709076	01/20/1998	Lawlor	
		5782079	07/21/1998	Chiang, et al	
		6017186	01/25/2000	Hoeger, et al	
		6263660B1	07/24/2001	Lawlor	
		6279309B1	08/28/2001	Lawlor, et al	
		▶6298653B1	10/09/2001	Lawlor, et al	
		▶6334299B1	01/01/2002	Lawlor	
		▶2002/0073714A1	06/20/2002	Yim, et al	
		▶6434924B1	08/20/2002	Lawlor	
		▶6446425B1	09/10/2002	Lawlor	
		▶6488469B1	12/03/2002	Youssef, et al	
		▶6507125B1	01/14/2003	Choi	
		▶RE38040E	03/18/2003	Spear, et al	
		▶6682301B2	01/27/2004	Kuhne	
		▶6694743B2	02/24/2004	Lawlor, et al	
EXAMINER SIGNATURE				DATE CONSIDERED	

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Sheet: 6 of 6

Application Number	10/672,719
Filing Date	September 25, 2003
First Named Inventor	LAWLOR, S. et al
Art Unit	3748
Examiner Name	N/A
Attorney Docket Number	RP1-3014-U

## **FOREIGN PATENT DOCUMENTS**

EXAMINER INITIALS	Cite No. <sup>1</sup>	FOREIGN PATENT DOCUMENT Office <sup>3</sup> Number <sup>4</sup> Kind <sup>5</sup>	Publication Date MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR	T <sup>1</sup>
		FR863484 (France)	01/02/1941	BOZIC		
		UK648647 (United Kingdom)	01/10/1951	VADOLT TRUST		
		EP0375198A2 (Europe)	06/27/1990	KUROIWA		

## **OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

EXAMINER INITIALS	Cite No. <sup>1</sup>	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>

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